

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

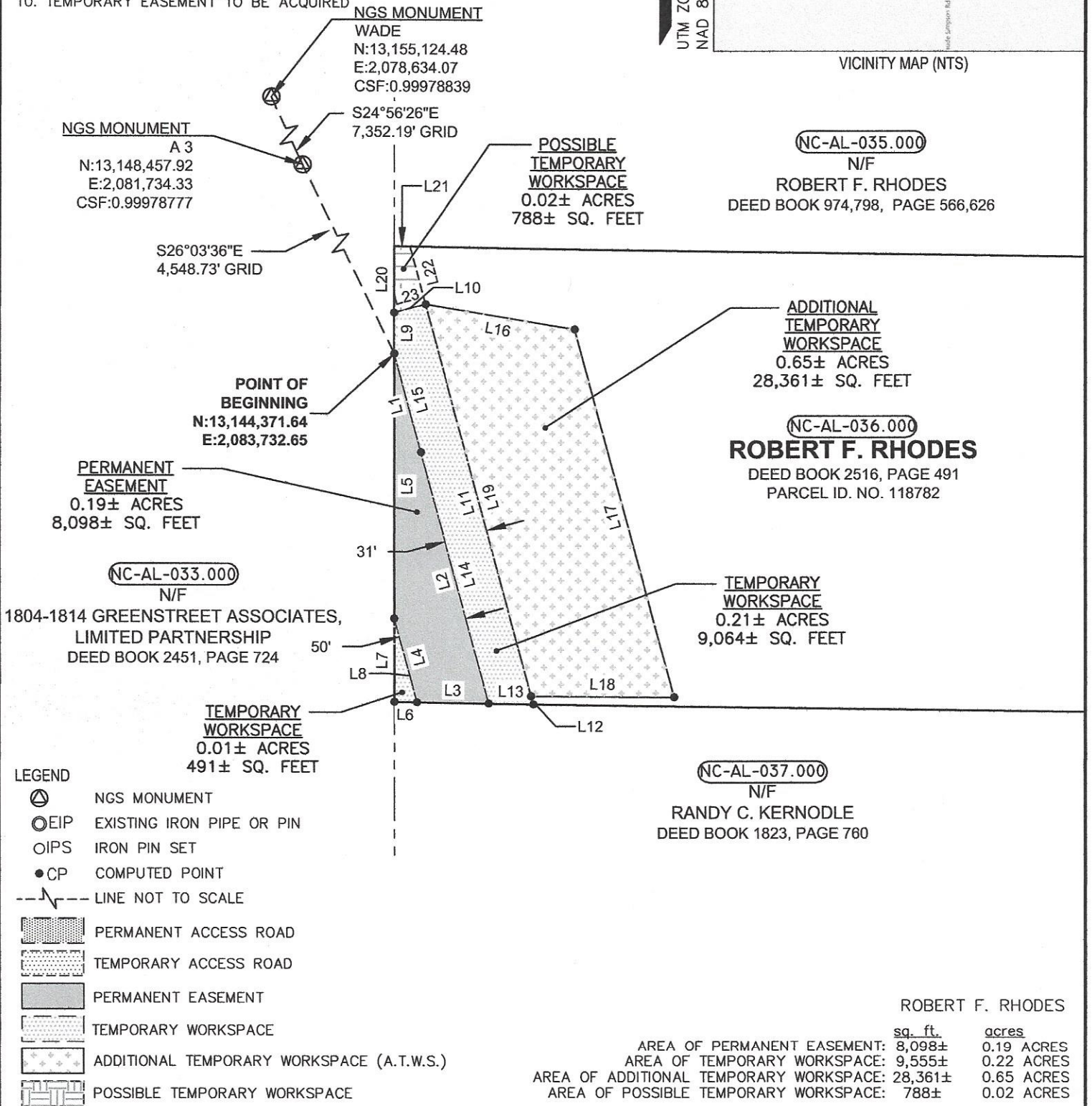
Exhibit 13 to Complaint

Map of MVP Parcel No. NC-AL-036.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 2516, PAGE 491
5. PARCEL ID: 118782
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED

EXHIBIT A



LEGEND

- ⊙ NGS MONUMENT
- ⊙ EIP EXISTING IRON PIPE OR PIN
- OIPS IRON PIN SET
- CP COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 2516, page 491; that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 2nd day of May, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: _____

DATE: _____

TRC ENGINEERS, INC
2200 LIBERTY AVENUE,
SUITE 100
PITTSBURGH, PA 15222
PH: (724) 749-8572 tkimmel@trcsolutions.com
NC CORPORATE LICENSE No. F-0591



ROBERT F. RHODES
sq. ft. acres
AREA OF PERMANENT EASEMENT: 8,098± 0.19 ACRES
AREA OF TEMPORARY WORKSPACE: 9,555± 0.22 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE: 28,361± 0.65 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE: 788± 0.02 ACRES

CENTERLINE OF EASEMENT: 162± 9.81±

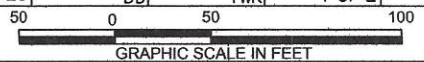
SEE SHEET 2 OF 2 FOR LINE TABLES

EASEMENT SURVEY
FOR MVP SOUTHGATE
TOWNSHIP OF MORTON
ALAMANCE COUNTY, NORTH CAROLINA



PIPELINE EASEMENT IN PROPERTY OF
ROBERT F. RHODES
NC-AL-036.000
DEED BOOK 2516, PAGE 491

NC-AL-036.000
Drawn By: AHP Chkd By: DD Appd By: TWK
Drawn Date: 4/14/20 DD TWK
TRC Proj. No. 300423
Sheet: 1 OF 2
Scale: 1"=100'
MVP Proj. No.



REVISIONS				
A	3/27/2019		ISSUE FOR REVIEW	
1	4/14/2020	MSF	GENERAL REVISIONS	TWK
2	5/2/2020	DD	UPDATED ADJOINER	TWK
No.	Date	Rev By	Description	Checked

EXHIBIT A

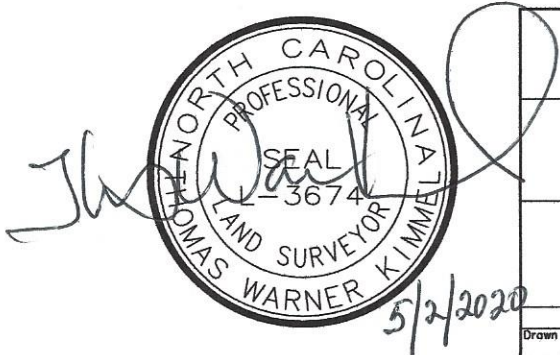
PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S15°11'00"E	73.51'
L2	S15°12'54"E	187.99'
L3	N89°11'16"W	52.02'
L4	N15°12'54"W	62.52'
L5	N00°02'58"W	191.28'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L6	N89°11'16"W	16.36'
L7	N00°02'58"W	60.10'
L8	S15°12'54"E	62.52'
L9	N00°02'58"W	29.50'
L10	N74°49'00"E	23.58'
L11	S15°08'54"E	292.80'
L12	S15°12'51"E	6.07'
L13	N89°11'16"W	32.25'
L14	N15°12'54"W	187.99'
L15	N15°11'00"W	73.51'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L16	S80°37'20"E	109.63'
L17	S15°12'31"E	275.17'
L18	N89°34'30"W	103.84'
L19	N15°08'54"W	292.80'

POSSIBLE TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L20	N00°02'58"W	48.10'
L21	S89°12'33"E	11.55'
L22	S15°04'22"E	43.25'
L23	S74°49'00"W	23.58'

SEE SHEET 1 OF 2 FOR GRAPHICS AND LABELS



EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF MORTON ALAMANCE COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF ROBERT F. RHODES NC-AL-036.000 DEED BOOK 2516, PAGE 491				
NC-AL-036.000				
Drawn By: AHP	Chk'd By: DD	Appd By: TWK	IRC Proj. No. 300423	Scale: NTS
Drawn Date: 4/14/20			Sheet: 2 OF 2	MVP Proj. No.
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SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.